

Amendment and Response

Applicant: Dan Scott Johnson

Serial No.: 10/808,136

Filed: March 24, 2004

Docket No.: 200207099-1

Title: AUDIO/VIDEO COMPONENT NETWORKING SYSTEM AND METHOD

REMARKS

The following Remarks are made in response to the Non-Final Office Action mailed July 22, 2010, in which claims 1-6, 9-12, 14-17, 19, 21-28, and 34-39 were rejected.

With this Amendment, claims 9, 12, and 14-16 have been cancelled without prejudice, claims 40-45 have been added, and claims 1, 10, 11, 17, 24-26, 28, and 36-39 have been amended.

Claims 1-6, 10, 11, 17, 19, 21-28, and 34-45, therefore, remain pending in the application and are presented for reconsideration and allowance.

Claim Rejections under 35 U.S.C. § 103

Claims 1, 3-6, 9-12, 15-17, 21-25, and 34-39 are rejected under 35 U.S.C. 103(a) as being unpatentable over Farrand, U.S. Publication No. 2003/0193619 in view of Kanda, U.S. Publication No. 2001/0041049, further in view of Corvin et al., U.S. Publication No. 2001/0029610.

Claims 2, 14, and 19 are rejected under 35 U.S.C. 103(a) as being unpatentable over Farrand, U.S. Publication No. 2003/0193619 in view of Kanda, U.S. Publication No. 2001/0041049, further in view of Corvin et al., U.S. Publication No. 2001/0029610, further in view of Margulis, U.S. Patent No. 6,263,503, and further in view of Liebenow, U.S. Patent No. 6,131,136.

Claim 26 is rejected under 35 U.S.C. 103(a) as being unpatentable over Farrand, U.S. Publication No. 2003/0193619 in view of Kanda, U.S. Publication No. 2001/0041049.

Claims 27-28 are rejected under 35 U.S.C. 103(a) as being unpatentable over Farrand, U.S. Publication No. 2003/0193619 in view of Kanda, U.S. Publication No. 2001/0041049, further in view of Liebenow, U.S. Patent No. 6,131,136.

With this Amendment, claims 9, 12, and 14-16 have been cancelled without prejudice. The rejections of these claims under 35 U.S.C. 103(a), therefore, are rendered moot.

With this Amendment, independent claim 1 has been amended to clarify that the audio/video (A/V) component networking system includes **"a data manager adapted to identify related A/V program data and automatically transfer the A/V program data and the related A/V program data between a database stored in memory of the source component and an archival storage system of the source component based on a**

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sequential relationship of the A/V program data and the related A/V program data," wherein "an earlier of the A/V program data and the related A/V program data is stored in the database, and a later of the A/V program data and the related A/V program data is stored in the archival storage system."

With this Amendment, independent claim 17 has been amended to clarify that the audio/video (A/V) networking method includes **"identifying related A/V program data and automatically transferring the A/V program data and the related A/V program data between a database stored in memory of the source component and an archival storage system of the source component based on a sequential relationship of the A/V program data and the related A/V program data,"** wherein **"an earlier of the A/V program data and the related A/V program data is stored in the database, and a later of the A/V program data and the related A/V program data is stored in the archival storage system."**

With this Amendment, independent claim 26 has been amended to clarify that the audio/video (A/V) component networking system includes **"a data manager adapted to automatically transfer the available A/V program data between a database stored in memory of the source component and an archival storage system of the source component based on a sequential relationship of the available A/V program data,"** wherein **"earlier A/V program data is stored in the database and later A/V program data is stored in the archival storage system."**

Support for the amendments made herein is provided in the Specification at least at, for example, paragraphs [0023], [0028], [0046]-[0047], [0053], [0055], [0067]-[0068]; and FIGS. 5 and 8.

With respect to the cited references, Applicant submits that these references, individually or in combination, do not disclose an audio/video (A/V) component networking system as claimed in independent claim 1, and do not disclose an audio/video (A/V) networking method as claimed in independent claim 17 including, amongst other things and in the combinations recited, identifying related A/V program data and automatically transferring the A/V program data and the related A/V program between a database stored in memory of the source component and an archival storage system of the source component based on a sequential relationship of the A/V program data and the related A/V program data,

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wherein an earlier of the A/V program data and the related A/V program data is stored in the database, and a later of the A/V program data and the related A/V program data is stored in the archival storage system.

In addition, Applicant submits that the cited references, individually or in combination, do not disclose an audio/video (A/V) component networking system as claimed in independent claim 26 including, amongst other things and in the combination recited, a data manager adapted to automatically transfer the available A/V program data between a database stored in memory of the source component and an archival storage system of the source component based on a sequential relationship of the available A/V program data, wherein earlier A/V program data is stored in the database and later A/V program data is stored in the archival storage system.

Regarding the Farrand reference, with reference to Fig. 8c, the Farrand reference provides that incoming multimedia content 860-862 from several different channels "*may be buffered in a set of input buffers 870-873 and output buffers 890-893 on the home media server 110,*" wherein "*[t]he input buffers and output buffers 870-873 and 890-893, respectively, may be portions of memory allocated within the main memory 201*" (emphasis added) (Farrand, para. [0116]). As input buffers 870-873 and output buffers 890-893 of the Farrand reference are all portions of memory "*within the main memory 20,*" the "buffering" of the Farrand reference is all within the same memory (viz., main memory 201).

Applicant submits, however, that the "buffering" of incoming multimedia content in a set of input buffers and output buffers, as disclosed by the Farrand reference, does not constitute automatically transferring A/V program data and related A/V program between a database stored in memory of a source component and an archival storage system of the source component. More importantly, Applicant submits that the Farrand reference does not disclose automatically transferring A/V program data and related A/V program between a database stored in memory of a source component and an archival storage system of the source component based on a sequential relationship of the A/V program data and the related A/V program data, wherein an earlier of the A/V program data and the related A/V program data is stored in the database, and a later of the A/V program data and the related A/V program data is stored in the archival storage system.

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In addition, regarding the Kanda reference, with reference to Fig. 14, the Kanda reference provides an **input buffer memory** 308 and an **output buffer memory** 309 which are provided on the input side and the output side of a hard-disk drive 300 such that "[t]hese two buffer memories 308 and 309 are **buffers** for making the recording operation and the reproducing operation of the hard-disk drive 300 to perform apparently in parallel" (emphasis added) (Kanda, para. [0271]). In this regard, the Kanda reference provides that "the hard-disk drive 300 can store video signal in the output buffer memory 309 by performing reproducing operation while the input buffer memory 308 is fetching video signal," and provides that "the hard-disk drive 300 can perform recording operation by reading video signal out from the input buffer memory 308 while the output buffer memory 309 is reading video signal out" (Kanda, para. [0271]).

Applicant submits, however, that the "buffering" of the **input buffer memory** and the **output buffer memory**, as disclosed by the Kanda reference, does not constitute automatically transferring A/V program data and related A/V program between **a database stored in memory of a source component** and **an archival storage system of the source component**. More importantly, Applicant submits that the Kanda reference does not disclose automatically transferring A/V program data and related A/V program between **a database stored in memory of a source component** and **an archival storage system of the source component** based on **a sequential relationship** of the A/V program data and the related A/V program data, wherein **an earlier** of the A/V program data and the related A/V program data is stored **in the database**, and **a later** of the A/V program data and the related A/V program data is stored **in the archival storage system**.

In view of the above, Applicant submits that independent claims 1, 17, and 26, and the dependent claims depending therefrom, are each patentably distinct from the cited references and, therefore, are each in a condition for allowance. Applicant, therefore, respectfully requests that the rejections under 35 U.S.C. 103(a) be reconsidered and withdrawn, and respectfully requests that claims 1-6, 10, 11, 17, 19, 21-28, and 34-45 be allowed.

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CONCLUSION

In view of the above, Applicant respectfully submits that pending claims 1-6, 10, 11, 17, 19, 21-28, and 34-45 are all in a condition for allowance and requests reconsideration of the application and allowance of all pending claims.

Any inquiry regarding this Amendment and Response should be directed to either Reed J. Hablinski at Telephone No. (281) 514-7828 or Scott A. Lund at Telephone No. (612) 573-2006.

Respectfully submitted,

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